TVCR

MODEL NO.:

14PV135/58, 14PV235/58 21PV385/58

Thank you for buying a Philips TV-Video Combi. This TV-Video Combi is one of the most sophisticated and easy-to-use TV-Video Combis (TVCR) on the market. Please take the time to read this operating manual before using your TV-Video Combi. It contains important information and notes regarding operation. The TV-Video Combi should **not be turned on immediately after transportation** from a cold to a hot area or vice versa, or in conditions of extreme humidity. Wait at least **three hours** after transporting the device. The TV-Video Combi needs this time in order to become acclimatised to its new environment (temperature, air humidity, etc.).

VHS PAL

This TV-Video Combi is used for the recording and playback of VHS videocassettes. Cassettes with the VHS-C label (VHS cassettes for camcorders) may only be used with a suitable adapter.
We hope you enjoy your new TV-Video Combi.

Important notes regarding operation

⚠ **Danger: High voltage!**
There is a risk of an electrical shock!

⚠ **To reduce the risk of fire or electric shock, do not expose this device to rain or moisture.**

⚠ The TV-Video Combi does not contain any components that can be repaired by the customer. Please leave all maintenance work for qualified personnel.

⚠ As soon as the TV-Video Combi is connected to the power supply, some components are in constant operation. To switch off the TV-Video Combi completely you must disconnect it from the power supply.

⚠ Make sure that air can circulate freely through the ventilation slots on the TV-Video Combi. Do not place the device on an unsteady base.

⚠ Make sure that no objects or liquids enter the TV-Video Combi. Do not place vases or the like on the TV-Video Combi. If liquid is spilt into it, immediately disconnect the TV-Video Combi from the power supply and call After-sales Service for advice.

⚠ Do not place any combustible objects on the device (candles, etc.).

⚠ Make sure that children do not place any foreign objects within the openings or ventilation slots.

♻ These operating instructions have been printed on non-polluting paper.

♻ Deposit old batteries at the appropriate collection points.

♻ Please make use of the facilities available in your country for disposing of the packaging of the TV-Video Combi in a way that helps to protect the environment.

♻ This electronic device contains many materials that can be recycled. Please enquire about the possibilities for recycling your old device.

So that you can identify your machine for service questions or in the event of theft, enter the serial number here. The serial number (PROD. NO.) is printed on the type plate fixed at the back of the device. Also, we suggest that you put a mark with your TVCR MODEL NO..

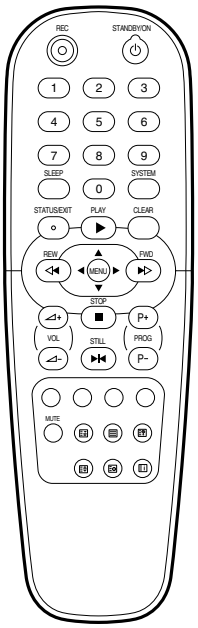
MODEL NO.	**14PV135/58 14PV235/58 21PV385/58**
PROD. NO.	**.....**

This product complies with the requirements of Directive 73/23/EEC +89/336/EEC +93/68 EEC.

PHILIPS

IN BRIEF

The remote control



REC ● To record the TV channel selected at this moment or press repeatedly to start a One-Touch Recording.

STANDBY/ON ⏻ To switch off or on, interrupt menu function.

0..9 Press to select channels.

SLEEP To select the switch-off time in 30 minutes intervals.

SYSTEM To change Video (colour) system.

STATUS/EXIT To access or remove the TVCR's on-screen status display. To exit on-screen menus.

CLEAR To delete last entry. To clear a programmed recording (TIMER). To reset the elapsed time counter in the playback, recording or stop mode.

STILL ⏭ To stop the tape and play back a picture step by step. (except for during fast forwarding and fast rewinding)

MENU To call up main menu of TVCR.

FWD ▶▷- ▶ When tape playback is stopped, press to fast forward the tape at high speed. During playback, press to fast forward the tape while the picture stays on the screen. To store or confirm entry in the menu. Press to adjust the controls of TVCR menu.

REW ◁◀- ◀ When tape playback is stopped, press to rewind the tape at high speed. During playback, press to rewind the tape while the picture stays on the screen.To return the cursor in the menu. Press to adjust the controls of TVCR menu.

PLAY ▶- ▲ To play back a tape, select an item in the menu of TVCR.

STOP ■- ▼ To stop the tape, select an item in the menu of TVCR.

VOL ◿+ **VOL ◿–** To adjust the volume.

PROG P+ **PROG P–** To select the programme number. During playback, press to adjust the tracking.

MUTE To eliminate the TV's sound. Press again to restore the volume.

Red button / Green button / Yellow button/ Blue button / Doesn't work on these models.

[14PV235/21PV385]

: To switch Teletext on or off, or transparent mode

: Enlarge font

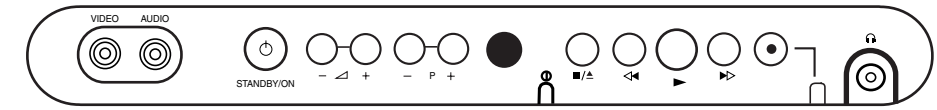
: Select Teletext sub-page

: Recall hidden information

: Stop page changes

: Go back to start page

Front of your TVCR



[14PV135/ 14PV235]

⏻ **STANDBY/ON:** To switch off or on, interrupt menu function.

Volume: In connection with the button + − to adjust the volume.

P- **P+** **Programme number:** To select the programme number. During playback, press to adjust the tracking. To remove vertical jitter in a Still picture.

● **Record:** To record the programme currently selected.

► **Playback:** To play a recorded cassette.

■/⏏ **Pause/Stop, eject cassette:** To stop the tape; If this key is depressed while in STOP, the cassette is then ejected from the machine.

▶▷ When tape playback is stopped, press to fast forward the tape at hight speed.

◁◀ When tape playback is stoped, press to rewind the tape at hight speed.

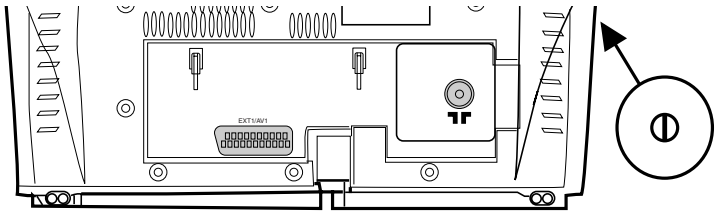
Sockets on the front:

White socket / AUDIO input socket: To connect a camcorder or video game machine (audio).

Yellow socket / VIDEO input socket: To connect a camcorder or video game machine (video).

Small socket / 🎧 socket for headphones: To connect headphones.

Back of your TVCR



Aerial input socket: To connect the aerial cable.

EXT1/AV1 Scart socket : To connect a satellite receiver, decoder, TV-Video Combi, etc

Power switch: To switch the TV-Video Combi off.

Caution: If you switch off using the power switch, TIMER-recordings are impossible!

The control lights at the front of machine

STANDBY ◉ Standby light: lights up when the TV-Video Combi has been switched on by means of the main switch.

RECORD ◉ Recording light: lights up during recording.

FAST blink: RECORDING PAUSE; TIMER RECORDING NOT STAND-BY.

SLOW blink: TIMER RECORDING is stored in a timer block.

Specifications

Voltage: 220-240V/50Hz
Power consumption (Standby): less than 5W
Rewind time: less than 260 seconds (cassette E-180)
Number of video heads: 2
Recording/playback time:
3 hours (SP) (cassette E-180)
6 hours (LP) (cassette E-180)

14PV135 14PV235

Power consumption: 52W
Dimensions in cm (HxWxD): 40.1x37.9x38.0
Weight without packing in kg: 10.5

21PV385

Power consumption: 65W
Dimensions in cm (HxWxD): 51.2x51.0x49.5
Weight without packing in kg: 20.6

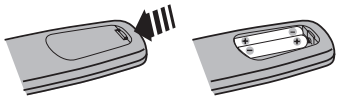
Supplied accessories

- Operating instructions
- Remote control and 2 batteries

1. Connecting the TV-Video Combi

Preparing the remote control for operation

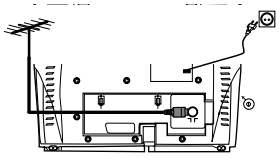
The remote control and its batteries are packed separately in the original TV-Video Combi packaging. You must install the batteries in the remote control before use.



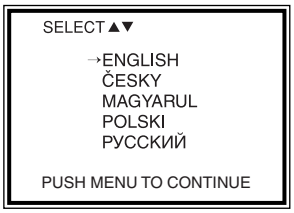
1. Take the remote control and the enclosed batteries (2 batteries).
2. Open the remote control's battery compartment and place the batteries in it as shown in the picture and close the battery compartment.

The remote control is now ready to use. Its range is approximately 7 metres.

Connecting the cable



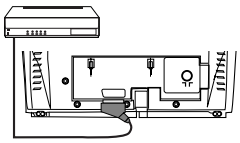
1. Insert the aerial cable plug into the AERIAL at the back of the TV-Video Combi.
2. Connect the mains cable to the wall socket.
3. If the little red standby light (STANDBY ◉) at the front panel of the set is not lit, please switch on the set using the main power switch. The power switch ⏻ is located on the left side panel of the set.
4. Language setting picture will appear on the screen.



I do not see a Language setting picture
• Check the cable connections.

You can find more details in chapter 'Preparation for use'.

Connecting additional devices



You can connect additional devices such as decoders, satellite receivers, camcorders, etc. to the EXT1/AV1 socket.
The respective scart socket is usually marked 'AV' or 'TV' on the decoder or satellite receiver.

Selection of the scart socket
• To select the Scart socket, please enter 0,0,1, with the keys 0..9 on the remote control. AV1 appears on the screen.

Selection of the front A/V sockets
• To select the front A/V sockets, please enter 0,0,2, with the keys 0..9 on the remote control. 'AV2' appears on the screen.

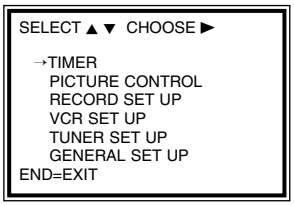
2. Important notes for operation

Switching on
You can switch on the TV-Video Combi with STANDBY/ON.
If you press PLAY ►-▲, STOP ■-▼, PROG P+ PROG P–, FWD ►▷-►, REW ◁◄-◄ or 0..9 while the set is in Stand-by, the power will be automatically turned on.
Note that the keys 0..9 will be inactive for about 5 seconds just after having switched the TV-Video combi off.

Power outage/no power
Channel information remains saved for up to 1 year, the time and timer information is saved for up to 1 minute.

Navigation in the screen menu

You can check/change many functions and settings of your TV-Video Combi via the on-screen menu. The individual functions are selected, via the remote control as follows:
Call up the menu: with MENU.



To select: with PLAY ►-▲ or STOP ■-▼.
To enter or change your selection: with the number buttons 0..9, PLAY ►-▲ or STOP ■-▼.
To save or confirm: with FWD ►▷-►.
To cancel: with CLEAR.
To end: with STATUS/EXIT.

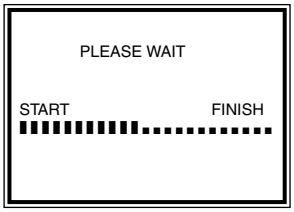
3. Installing your TV-Video Combi

Preparation for use

This chapter shows you how to prepare your TV-Video Combi for use. The TV-Video Combi automatically seeks out and stores all available TV channels.

Connecting additional devices
After you have connected additional devices (satellite receiver, etc.) through the aerial cable, switch them on. The automatic channel search will recognise them and save them.

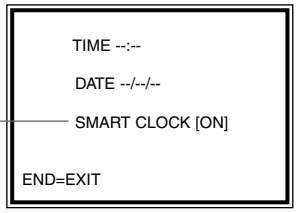
1. Select the desired language for the on-screen menu by pressing PLAY ►-▲ or STOP ■-▼.
2. Press MENU.
3. Confirm with P+.
   The automatic TV channel search starts.



The TV-Video Combi does not find any TV channels during the search
• Check the cable connection of the aerial (aerial socket) and TV-Video Combi.

• The TV-Video Combi searches the entire frequency range in order to find and save the largest possible number of TV channels. It is possible that the TV channels in your country are broadcast in a higher frequency range. As soon as this range is reached during the search, the TV-Video Combi will find the TV channels.

4. The clock setting display appears on the TV screen.



[14PV235/ 21PV385]

5. Set the time with the number buttons 0..9.
6. Set 'DAY', 'MONTH' and 'YEAR' with the number buttons 0..9.
7. When all information is correct, save by pressing STATUS/EXIT.

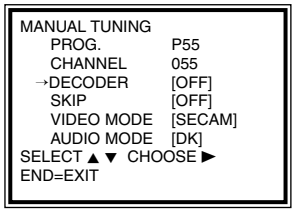
The preparation for use is now complete.

Satellite receiver
If you are connecting a satellite receiver, please read the section 'Using the satellite receiver'.
Decoder
If you are connecting a decoder, you must install it as described in the next section.

Decoder allocation

Some TV channels transmit encoded TV signals which can only be viewed with a purchased or rented decoder. You can connect such a decoder to this TV-Video Combi. The following function will automatically activate the connected decoder for the desired TV channel.

1. Use [P+] [P–] or [0..9] to select the programme number which you would like to allocate the decoder to.
2. Press [MENU]. The main menu will appear.
3. Use [PLAY ►-▲] or [STOP ■-▼] to select 'TUNER SET UP'. Then press [FWD ►▷-►].
4. Use [PLAY ►-▲] or [STOP ■-▼] to select 'MANUAL TUNING'. Then press [FWD ►▷-►].
5. Use [PLAY ►-▲] or [STOP ■-▼] to select 'DECODER'.



6. Use [FWD ►▷-►] to select 'ON' (Decoder switched on).

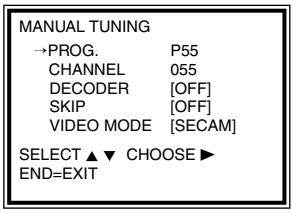
How can I switch off the decoder?
Use [FWD ►▷-►] to select 'OFF' (Decoder switched off).

7. To end, press [STATUS/EXIT]. The decoder has now been allocated to this programme number.

Manual TV channel search

In some cases it can occur that all of the TV channels are not found and saved during the first installation. In this case, the missing or coded TV channels must be searched for and stored manually.

1. Press [MENU]. The main menu will appear.
2. Use [PLAY ►-▲] or [STOP ■-▼] to select 'TUNER SET UP'. Then press [FWD ►▷-►].
3. Use [PLAY ►-▲] or [STOP ■-▼] to select 'MANUAL TUNING'. Then press [FWD ►▷-►].



4. Select 'PROG.' with [PLAY ►-▲] or [STOP ■-▼]. Then press [FWD ►▷-►].
5. With [PLAY ►-▲] or [STOP ■-▼] or [0..9], select the desired programme number that you want to use for the TV channel, e.g. 'P01'. Then press [FWD ►▷-►].
6. Select 'CHANNEL' with [PLAY ►-▲] or [STOP ■-▼], and confirm with [FWD ►▷-►]. Then enter the desired channel with [0..9].

If you set 'SKIP' on for a channel, this channel will be ignored when going through the channels with [P+] [P–].

I don't know the channels for my TV stations
In this case, press [PLAY ►-▲] or [STOP ■-▼] in 'CHANNEL' to start the automatic channel search. A changing channel number will appear on the TV screen. Continue the automatic search until you have found the desired TV channel.

7. Save the TV channel with [FWD ►▷-►].
8. To search for other TV channels, begin again at step 5.
9. To end, press [STATUS/EXIT].

How do I change 'VIDEO MODE'?
If you want to change the video mode, select 'VIDEO MODE' with [PLAY ►-▲] or [STOP ■-▼]. Then, press [FWD ►▷-►] to select your desired mode.

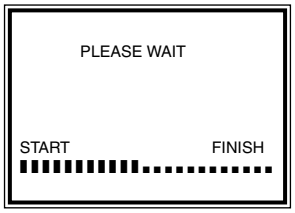
Using the satellite receiver

You can receive channels from the satellite receiver via the scart socket EXT1/ AV.
To do this, select the channel number 'AV1' by pressing 0,0,1, with the keys [0..9] on the remote control. You will have to select the channel you want to receive on the satellite receiver itself.

Automatic Tuning

During installation, all available TV channels are searched for and saved. If the channel assignments of your cable or satellite TV provider change or if you are re-installing the TV-Video Combi, e.g. after moving house, you can start this procedure again. This will replace all the TV channels already saved with the new ones.

1. Press [MENU]. The main menu will appear.
2. Select 'TUNER SET UP' with [PLAY ►-▲] or [STOP ■-▼] and confirm with [FWD ►▷-►].
3. Select 'AUTO TUNING' with [PLAY ►-▲] or [STOP ■-▼] and confirm with [FWD ►▷-►].



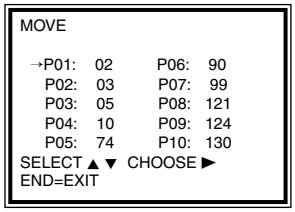
4. The automatic TV channel search starts. This allows the TV-Video Combi to save all available TV channels. This procedure may take several minutes.
5. When the TV channel search is complete, 'COMPLETED' will briefly appear on the TV screen.

Sorting TV channels manually

After you have performed the automatic channel search, you may not agree with the sequence in which the individual TV channels have been allocated to the programme positions (programme numbers) of the TV-Video Combi. You can use this function to individually sort the TV channels already saved.

[14PV235/ 21PV385]
The clock resets automatically
If you save a TV channel that transmits TXT/PDC on programme number 'P01', date and time will and constantly be updated. As a result, time changes, i.e. daylight savings time, will be set automatically.

1. Press [MENU]. The main menu will appear.
2. Select 'TUNER SET UP' with [PLAY ►-▲] [STOP ■-▼] and confirm with [FWD ►▷-►].
3. Select 'MOVE' with [PLAY ►-▲] or [STOP ■-▼], and confirm with [FWD ►▷-►].



4. With [PLAY ►-▲] or [STOP ■-▼], select the saved TV channel that you want to change.
5. Confirm with [FWD ►▷-►].
6. Move the selected channel with [PLAY ►-▲] or [STOP ■-▼] to the programme number you want to assign.
7. Confirm with [FWD ►▷-►].
8. To assign other TV channels to a programme number, repeat steps 4 to 7.
9. To end, press [STATUS/EXIT].

Setting the language

You can change the language for the TV screen menu.

1. Press [MENU]. The main menu will appear.
2. Select 'GENERAL SET UP' with [PLAY ►-▲] or [STOP ■-▼] and confirm with [FWD ►▷-►].
3. Select 'LANGUAGE' with [PLAY ►-▲] or [STOP ■-▼] and confirm with [FWD ►▷-►].

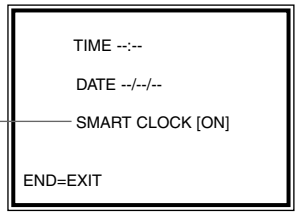
4. Select the desired language with [PLAY ►-▲] or [STOP ■-▼].
5. To end, press [STATUS/EXIT].

Setting the clock

If the display shows an incorrect time or ' --:-- ' the time and date must be reset manually.

[14PV235/ 21PV385]
If a TV channel that transmits VPS/PDC or the Teletext is stored under programme number 'P01', time/date will automatically be taken from the VPS/PDC or the Teletext information. (SMART CLOCK)

1. Press MENU. The main menu will appear.
2. Select 'GENERAL SET UP' with PLAY ►-▲ STOP ■-▼ and confirm with FWD ►▷- ►.
3. Select 'CLOCK' with PLAY ►-▲ STOP ■-▼ and confirm with FWD ►▷- ►.



[14PV235/ 21PV385]

4. Check the time in 'TIME'. If required, please change the time with 0..9.
5. Check 'DAY', 'MONTH' and 'YEAR' in the same way.
6. Choose 'SMART CLOCK' ON or OFF with FWD ►▷- ►. **[14PV235/21PV385]**
7. To end, press STATUS/EXIT.

Time/date is displayed incorrectly despite manual setting
- With Smart Clock, if you save a TV channel that transmits TXT/PDC on programme number 'P01', date and time will automatically be updated when the TV-Video Combi is in Stand-by.
  If you wish to switch this automatic time correction off, select 'OFF' for Smart Clock. You can reactivate this function at any time by selecting Smart Clock 'ON'.

4. TV set functions

Selecting a TV channel

Select the desired TV channel (= the programme number) with PROG P+ PROG P– or with 0..9 on the remote control.

Selection of the scart socket

To select the Scart socket, please enter 0,0,1, with the keys 0..9 on the remote control. AV1 appears on the screen.

Selection of the front A/V sockets

To select the front A/V sockets, please enter 0,0,2, with the keys 0..9 on the remote control. 'AV2' appears on the screen.

Volume control

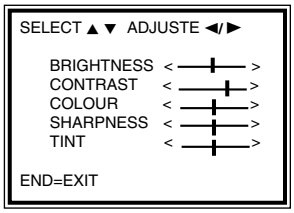
You can adjust the volume using VOL◿+, VOL◿– on the remote control.

If you would like to change the volume on the machine, press ◿– or ◿+ on the TV-Video Combi. If you want to mute the sound temporarily (e.g.:during a telephone call), press MUTE on the remote control. When you press MUTE again, the sound will return at its original volume level.

Picture settings

The picture can be adjusted according to your personal preferences.
These settings are automatically stored after exiting the main menu.

1. Press the MENU. The main menu will appear.
2. Select 'PICTURE CONTROL' with PLAY ►-▲ STOP ■-▼ and confirm with FWD ►▷- ►.
3. Select an item using PLAY ►-▲ STOP ■-▼, and then modify with REW◁◄- ◄ FWD ►▷- ►.



4. To end, press STATUS/EXIT.

'TINT' appears only when receiving NTSC signals from another source.

How do I read Teletext? [14PV235/21PV385]

Many TV channels transmit Teletext information along with their TV channels. With this TV-Video Combi you can retrieve this information and display it on the screen using the built-in Teletext decoder.

1. Press ☰ to switch the Teletext decoder on. Your TV-Video Combi will now show Teletext for the TV channel you have selected. Press ☰ again to show Teletext in transparent mode.
2. If you want to select another page, type in the number of the page with the number buttons 0..9 on the remote control.

With the colour buttons on your remote control you can directly select the page numbers shown at the bottom of the TV screen.
The button 🗏 takes you back to the start page.

3. Press ☰ to switch the Teletext decoder off.

Special Teletext functions [14PV235/21PV385]

In Teletext mode you can use the special Teletext functions.

: enlarge font

: select Teletext sub-page

: recall hidden information

: stop page changes

: go back to start page

Switch-off function (SLEEP TIMER)

You can programme your set to switch-off automatically after a predetermined period.

1. Press SLEEP.
2. Press SLEEP repeatedly to extend the time until switch-off in 30 minute increments.

The screen will show the time remaining until switch-off, e.g.: '+0:30'.
The machine now counts backwards to the switch-off time.

The maximum time period to be set until switch-off is 2 hours.

If you would like to turn this function off, press SLEEP on the remote control several times until switch-off appears. '--:--' will appear on the screen.
To check the time until switch-off, press SLEEP on the remote control.
If a recording is in process, switch-off function will be cancelled.

5. Playback

Playing back cassettes

You can operate the TV-Video Combi using the remote control or the buttons on the front of the TV-Video Combi.
Your TV-Video Combi can only record and play back standard VHS cassettes.

1. Put a cassette into the cassette slot. The cassette is inserted automatically.
2. Press PLAY ►-▲ to view the tape.

DIGITAL STUDIO PICTURE CONTROL
Philips has developed a system which produces the best possible playback quality. For old and often-used video cassettes, this system reduces interference. For new or high quality cassettes, it emphasises the details.
Picture / sound quality is poor
When playing rental videos or older, poorer quality cassettes, it may not be possible to completely filter out picture and sound interference. This is not a fault in your machine. Read the section 'Manual tracking'.

3. To stop the playback, press STOP ■-▼ or STOP/EJECT on the TV-Video Combi.
4. To eject the cassette, press STOP/EJECT when the TV-Video Combi stops the playback.

Automatic switch-off of special functions
Many functions (e.g. pause, still picture) switch themselves off automatically after a short time in order to protect the cassette and to save energy.

Do I need to change the playback speed when playing back LP recordings?
During playback, the correct speed will automatically be selected. For more information, please read the section 'Selecting the recording speed (SP or LP)' in the chapter 'Manual recording'.

Playing back NTSC cassettes

This TV-Video Combi can also play back cassettes that have been recorded in SP [Standard Play] or SLP [Super Long Play] mode in the NTSC standard (for example, American cassettes). However, this only works on PAL-television sets that are suitable for a picture frequency of 60Hz.

Searching for a tape position with picture (scanning)

1. During playback, press REW ◁◄-◄ (reverse) or FWD ►▷-► (forward).
2. If you want to search in super high speed, press REW ◁◄-◄ or FWD ►▷-► once more. (This function will not operate for a NTSC cassettes playback in SP mode.)
3. Press PLAY ►-▲ to resume playback.

Still picture

1. During playback, press STILL ►I◄ to stop the tape and display a still picture.
2. Press PLAY ►-▲ to resume playback.

Scanning and still/slow motion interferes with the picture quality. The sound is switched off. This is not a fault in your TV-Video Combi.

Searching for tape position without picture (forward wind and rewind)

1. Stop the tape with STOP ■-▼.
2. Press REW ◁◄-◄ (reverse) or FWD ►▷-► (forward).
3. To stop the tape, press STOP ■-▼.

Manual tracking

To manually adjust the tracking during playback, press PROG P+ PROG P- or P+ P–.
Tracking will return to Automatic Tracking Adjustment when you press STOP ■-▼, insert a tape, or press PLAY ►-▲.
To remove vertical jitter in a Still picture, press P+ P–.

6. Manual recording

General information

Use **'Manual recording'** to make a spontaneous recording (for example, a programme currently being shown).

If you want to start and stop a recording manually, read the section **'Recording without automatic switch-off'**.

If you want to start a recording manually but have it stopped automatically, read the section **'Recording with automatic switch-off'**. (e.g. not to record to the end of the tape)

Recording without automatic switch-off

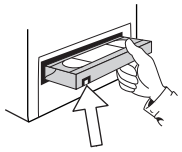
1. Insert a cassette.
2. Use [P+] [P–] to select the programme number you want to record, for example, 'P01'.
3. To start recording, press [REC ●].
4. Stop recording with [STOP ■-▼].

The message 'PROTECTED CASSETTE CANNOT RECORD' appears briefly on the screen, then the cassette is ejected.
A cassette without its security tab had been inserted. Cover the hole with adhesive tape or insert a new cassette.

Recording with automatic switch-off (OTR One-Touch-Recording)

1. Insert a cassette.
2. Use [PROG P+] [PROG P–] or [0..9] to select the programme number you want to record.
3. Press [REC ●].
4. Each time you press [REC ●] you will add 30 minutes to the recording time.
5. To stop recording, press [STOP ■-▼].

Preventing accidental erasing



All cassettes (except rental and pre-recorded cassettes) have a security tab on the back of the cassette.
To prevent recording over important recordings (erasing), you can remove this security tab.
If you later decide to record on a protected cassette, simply cover the hole with adhesive tape or slide the tab to the right.

Lining up recordings (assemble cut)

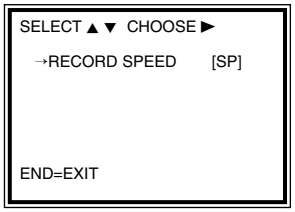
When you add a further recording to a cassette, which already has a recording on it, a short blank (flicker) can appear between the old and the new recording or the picture itself can flicker. To help reduce these from occurring, proceed as follows:

1. Find the tape position of the old recording where you want to insert the new recording.
2. Look at the last minute of the old recording (playback).
3. Press [STILL ▶▮◀] at the tape position where the new recording is to go and press [REC ●].
4. Now start recording as usual by pressing [REC ●] on the remote control.
5. Stop recording with [STOP ■-▼].

Selecting the recording speed (SP or LP)

LP allows to double the recording duration on tape (for example six hours instead of three hours on a E180 cassette).

1. Switch on the TV. If required, select the programme number for the TV-Video Combi.
2. Press [MENU]. The main menu will appear.
3. Select 'RECORD SETUP' using [PLAY ▶-▲] or [STOP ■-▼] and confirm with [FWD ▶▷-▶].
4. Select 'RECORD SPEED' using [PLAY ▶-▲] or [STOP ■-▼].



5. Select the required recording speed with [FWD ▶▷-▶].

'SP' / 'LP'
'SP': Standard Play (normal recording speed) offers the usual first-class picture quality.
'LP': Long Play (half recording speed, double recording time). 6 hours can be recorded on a 3-hour cassette (E180) with a somewhat reduced picture quality.

6. To end, press [STATUS/EXIT].

7. Programming a recording (TIMER)

General information

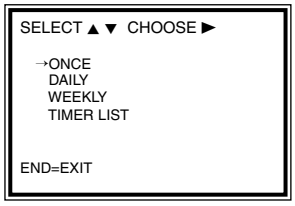
Use a TIMER programming to automatically start and stop a recording at a later time or date. The TV-Video Combi will switch to the right programme number and begin recording at the correct time. With this TV-Video Combi, you can pre-programme up to eight recordings within a period of one year. To make a programmed recording, your TV-Video Combi needs to know:
* the date you want to make the recording
* the programme number of the TV channel
* the start and stop time of the recording
* VPS or PDC on or off **[14PV235/21PV385]**

This information is saved in a 'TIMER' block.

[14PV235/21PV385]
What is 'VPS/PDC'?
'VPS' (Video Programming System)/ 'PDC' (Programme Delivery Control) are used to control the start and duration of TV channel recordings. If a TV programme starts earlier or ends later than scheduled, the video recorder will turn on and off at the correct time.
What do I need to know about 'VPS/PDC'?
Usually the VPS or PDC time is the same as the start time. But if your TV guide shows a VPS or PDC time which is different from the programme's scheduled start time, e.g. 20.10 (VPS/PDC 20.14), you must enter the VPS/PDC time exactly to the minute. If you want a start time different from the VPS/PDC time, you must switch VPS/PDC off.

Programming a recording

1. Press MENU. The main menu will appear.
2. Select 'TIMER' with PLAY ►-▲ or STOP ■-▼. Then press FWD ►▷- ►.
3. Select 'ONCE', 'DAILY' or 'WEEKLY' recording with PLAY ►-▲ or STOP ■-▼. Then press FWD ►▷- ►.



Selecting ONCE/DAILY/WEEKLY recordings
'ONCE': Recording once
'DAILY': Repeated daily recordings from Monday to Friday
'WEEKLY': Repeated weekly recordings (every week on the same day)

Error message : 'FULL'
• If this error message appears after you select 'ONCE', 'DAILY' or 'WEEKLY' on TIMER menu and press FWD ►▷- ►, then all TIMER blocks are already programmed. No more recordings can be programmed. If you want to clear or check a programmed recording(TIMER block), select the programme number on TIMER LIST menu and press CLEAR.

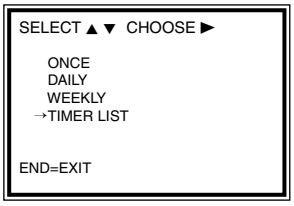
4. Select TIMER block with 0..9.
5. Enter the Start time (START), End time (STOP), Programme number (PROG) and the Date (DATE) with 0..9.

Programming a recording from the external sources
You can also programme recording from an external source via the Scart socket AV1 or the front A/V connectors AV2.

6. When all inputs are correct, press STATUS/EXIT. The programming information is stored in a TIMER block.
7. Insert a cassette with an intact security tab (unprotected).
8. Switch off with STANDBY/ON ⏻.
   The programmed recording will only function when the TV-Video Combi is switched off with STANDBY/ON ⏻.

How to check or delete a programmed recording (TIMER)

1. Press MENU. The main menu will appear.
2. Select 'TIMER' with PLAY ►-▲ or STOP ■-▼. Then press FWD ►▷- ►.
3. Select 'TIMER LIST' with PLAY ►-▲ or STOP ■-▼, and confirm with FWD ►▷- ►.



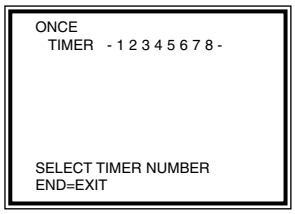
4. Select timer block with FWD ►▷- ►.

Timer block disappeared when I pressed FWD ►▷- ►.
You have checked all the programmed recordings. If you want to check them again, repeat steps 1 to 4.

5. To cancel the recording, press CLEAR.
6. To end, press STATUS/EXIT.
7. Switch off with STANDBY/ON ⏻.

How to change a programmed recording (TIMER)

1. Press MENU. The main menu will appear.
2. Select 'TIMER' with PLAY ►-▲ or STOP ■-▼. Then press FWD ►▷- ►.
3. Select ONCE, DAILY or WEEKLY recording with PLAY ►-▲ or STOP ■-▼. Then press FWD ►▷- ►.
4. Select a TIMER block with 0..9. (The flashing number indicates an empty TIMER block.)



5. Press CLEAR to delete information and input correct information with 0..9.
6. To end, press STATUS/EXIT.
7. Switch off with STANDBY/ON ⏻.

Problems and solutions for programmed recordings

Cassette was ejected as soon as the STANDBY/ON ⏻ button was pressed
- A cassette without the security tab was inserted. Undo the erase protection (chapter 'Manual recording', section 'Preventing accidental erasing') or insert a different cassette.

'TURN OFF YOUR TVCR FOR TIMER RECORDING' flashes on the TV screen
- The TV-Video Combi is switched on several minutes before the start of a programmed recording. Switch off the TV-Video Combi with STANDBY/ON ⏻. A programmed recording (timer) will only function when the TV-Video Combi is switched off.

Cassette is ejected during recording
- The end of the tape was reached during recording.

The TV-Video Combi does not react
- While a programmed recording is being made, you cannot operate your TV-Video Combi manually. If you want to cancel the programmed recording, press STOP/EJECT on the front panel.

8. Other Functions

Changing the video (colour) system

If you playback recordings made on other video recorders or you want to record from external sources (via the scart socket), the automatic video (colour) system switch-over may lead to colour distortion.
You can switch off the automatic TV system switch-over as follows.

Video (colour) systems
Other countries, other video (colour) systems: In central Europe transmissions are broadcast in the PAL system (Phase Alternation Line) standard. France uses SECAM (Séquentiel à mémoire). Middle East countries use ME-SECAM (Middle East SECAM). In some countries (USA and Japan), TV viewers receive their programmes as an NTSC signal (National Television System Committee).

1. Press SYSTEM on the remote control to select the TV (colour) system with the least disruptions during playback.
   Each pressing SYSTEM, the display will change cyclicaly; AUTO, ME-SECAM, PAL.

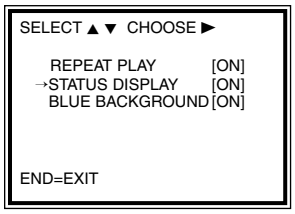
2. After 5 seconds, the OSD will disappear.

Switching the status display off or on

Along with the on screen menu, the status display also displays information on the current operating status (counter, playback, recording, TV channel, etc.) on the TV screen. You can switch off the information about the operating status so that the status display is not recorded when copying videocassettes.

1. Press MENU. The main menu will appear.
2. Select 'VCR SET UP' with PLAY ►-▲ or STOP ■-▼ and confirm with FWD ►▷- ►.

3. Select 'STATUS DISPLAY' with PLAY ►-▲ or STOP ■-▼.



4. Select 'ON' or 'OFF' with FWD ►▷-►.

5. To end, press STATUS/EXIT.

Which settings can I choose?
'ON': Shows the status display for a few seconds.
'OFF': Switches off the status display.

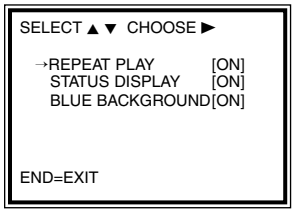
Continuous playback

This function can be used to play a cassette over and over again. When the end of the cassette is reached, it will rewind and start from the beginning again. This function is activated or deactivated as follows.

1. Press MENU. The main menu will appear.

2. Select 'VCR SET UP' using PLAY ►-▲ STOP ■-▼ and confirm with FWD ►▷-►.

3. Select 'REPEAT PLAY' with PLAY ►-▲ STOP ■-▼.



4. Select 'ON' with FWD ►▷-►.
If you select 'OFF', continuous playback will be switched off.

5. To end, press STATUS/EXIT.

6. Insert a cassette.

7. Start the continuous playback with PLAY ►-▲.
Your TV-Video Combi will automatically rewind and start playing the tape from the begining when it recognizes a non-recorded part longer 10 seconds.

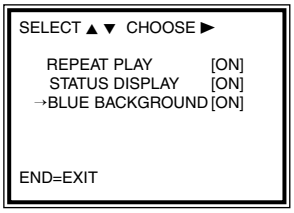
Blue Background on or off

If you want the TV screen to be solid blue when a weak signal is received, set BLUE BACKGROUND to 'ON'. The screen will be blue and the sound will be muted. Or, if you want to receive the weak signal, set BLUE BACKGROUND to 'OFF'.

1. Press MENU. The main menu will appear.

2. Select 'VCR SET UP' using PLAY ►-▲ STOP ■-▼ and confirm with FWD ►▷-►.

3. Select 'BLUE BACKGROUND' with PLAY ►-▲ STOP ■-▼.



4. Select 'OFF' (no blue background) or 'ON'.

5. To end, press STATUS/EXIT.

Parental control (Child lock)

This function protects your TV-Video Combi from unwanted use. All button functions on the front of the machine are blocked.

Programmed recordings will be started (in spite of the parental control) and cannot be interrupted.

1. Press MENU. The main menu will appear.

2. Use PLAY ►-▲ STOP ■-▼ to select 'GENERAL SET UP'. Then press FWD ►▷-►.

3. Use PLAY ►-▲ STOP ■-▼ to select 'CHILD LOCK'.

4. Use FWD ►▷-► to select 'ON'.

If a button at the front of the machine is pressed while parental control is active, 'CHILD LOCK ACTIVE' will appear on the screen for a few seconds.

9. Before you call an engineer

If, contrary to expectation, you have any problems using this TV-Video Combi, it may be caused by the following reasons.

Your TV-Video Combi does not respond to any button being pressed:
- There is no power supply: check the power supply.
- Parental control is on: switch the parental control off.
- A programmed recording is currently being made: if desired, cancel the programmed recording. Please see the section 'Problems and solutions for programmed recordings' in chapter 'Programming a recording (TIMER)'.
- There is a technical problem: disconnect from the mains power supply for 5 minutes, then power-up again.

Resetting devices to default factory settings

*** Attention:** all the information stored (time and date, TIMER) will be cleared.

1. Switch the TV-Video Combi to stand-by.
2. Press and hold REC ● and PROG P+ at the same time for 2 seconds or more.

Cassette is jammed in the TV-Video Combi:
- Don't use force. Pull out the mains plug for the moment. Then, call an engineer.

Remote control does not work:
- Remote control not pointed toward the TV-Video Combi: point it at the TV-Video Combi.
- There is a technical problem: take out the batteries, wait for 10 seconds and place them back.
- Batteries have run out: change the batteries.

No picture when you play a cassette:
- There is no recording on the cassette: change the cassette.

Poor picture quality when you play a cassette:
- Your TV is not properly adjusted.
- The cassette is badly worn or of poor quality: use new cassette.
- Tracking is not properly adjusted: turn to section 'Manual tracking'.
- Magnetism from nearby appliances and geomagnetism might affect the colour of the TV picture. Move the TV-Video combi away from such sources. The TV-Video combi will readjust itself automatically. If you want to initiate an immediate readjustment, unplug the TV-Video combi from the mains and plug it in again approximately 30 minutes later.

No recording possible:
- The TV channel you want to record is not stored or you selected the wrong programme number: check TV channels stored.
- A cassette was inserted that does not have the security tab (cannot be used to record): cover the hole with adhesive tape or use a cassette with an intact security tab. For more information, please see the section 'Preventing accidental erasing' in chapter 'Manual recording'.

[14PV235/ 21PV385]

No recording possible:
- 'VPS/PDC' switched on but 'VPS/PDC time' wrong: enter 'VPS/PDC time' exactly to the minute. Check your aerial connection.

SMART Clock does not work:
- You have stored on programme number 'P01' a TV channel that does not transmit Teletext. Store on 'P01' a TV channel that transmits Teletext.
- Poor Teletext reception. Store a TV channel on 'P01' with good Teletext reception.
- You have not activated the SMART Clock function. Switch the function 'ON'.

You can also call the **customer service centre** in your country.
The telephone numbers can be found on page 16 of this operating manual. Have the model number (MODEL NO.) and the production number (PROD. NO.) of your TV-Video Combi ready.

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